



## FACILITY COMPLIANCE INSPECTION REPORT

### Division of Waste Management

### Solid Waste Section

**UNIT TYPE:**

Lined MSWLF		LCID		YW		Transfer	<input checked="" type="checkbox"/>	Compost		SLAS		COUNTY: <b>Durham</b> PERMIT NO.: <b>32-15T</b> FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

**Date of Site Inspection:** March 13, 2012 **Date of Last Inspection:** None

**FACILITY NAME AND ADDRESS:**

A-1 Sandrock, Inc. dba ARC C&D Recycling – C&D Solid Waste Transfer Facility and Recycling Center  
1017 S. Hoover Road  
Durham, NC 27703

**GPS COORDINATES:** N: 35.97782 E: -78.86422

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Mike McFeeley, A-1 Sandrock, Inc. – General Manager

w. 336-855-8195

c. 336-301-8411

f. 336-855-8164

[mike@a1sandrockinc.com](mailto:mike@a1sandrockinc.com)

**FACILITY CONTACT ADDRESS:**

A-1 Sandrock, Inc.  
Mike McFeeley, General Manager  
2091 Bishop Road  
Greensboro, NC 27406

**PARTICIPANTS**

John Patrone, NCDENR – Solid Waste Section (SWS)  
Dennis Shackelford, SWS  
Pat Backus, SWS  
Mike McFeeley, A-1 Sandrock, Inc. – General Manager  
Wilbert Carter, A-1 Sandrock, Inc. – Site Manager  
Chad Morris, ARC LLC – Sustainable Construction Coordinator

**STATUS OF PERMIT:**

Permit To Operate (PTO) issued February 28, 2012  
PTO expiration date February 28, 2017

**PURPOSE OF SITE VISIT:**

Pre-operational Meeting

**STATUS OF PAST NOTED VIOLATIONS:**

None

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**OBSERVED VIOLATIONS**

None

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

**ADDITIONAL COMMENTS**

On March 13, 2012, John Patrone, Dennis Shackelford, and Pat Backus met with Mike McFeeley, Wilbert Carter, and Chad Morris to conduct a comprehensive audit of the A-1 Sandrock, Inc. dba ARC C&D Recycling – C&D Solid Waste Transfer Facility and Recycling Center on S. Hoover Road in Durham, Durham County.

1. The facility is a transfer facility and recycling center for construction and demolition (C&D) debris.
2. A certified copy of the facility permit has been recorded with the Durham County Register of Deeds on March 5, 2012, Book: 6919 and Page: 415-433.
3. This is the first permit for a new facility. The facility plans to begin receiving C&D debris Monday, March 19, 2012.
4. The facility is permitted to receive C&D debris from Chatham, Durham, Granville, Harnett, Lee, Orange, and Wake Counties. Metal, cardboard, wood pallets, dimensional lumber, and other recyclable materials that have not been painted or treated are approved for recycling and may be accepted as segregated material from non-C&D debris sources.
5. Waste transferred for disposal must go to A-1 Sandrock Landfill (permit No. 41-17), Shotwell Landfill (permit No. 92-26) or Upper Piedmont Regional Landfill (permit No. 73-04). Waste must only be transported to facilities whose service area includes the generation source.
6. The facility must not accept hazardous waste, yard trash, liquid wastes, regulated medical waste, sharps not properly packaged, regulated asbestos containing material, and PCB waste. Wastes banned from landfill disposal in North Carolina must not be transferred for landfill disposal. Engineered or glued wood is not approved for recycling.
7. Waste must not knowingly be disposed of that is generated within the boundaries of a unit of local government that by ordinance prohibits the disposal of that type or form of solid waste or requires that type or form of solid waste to be recycled.
8. Facility certified personnel: Wilbert P. Carter, Jr., Certified Transfer Station Operations Specialist, No. TS-2011047, exp. 10/20/14. Ensure that certified personnel are on site during all times the facility is in operation.
9. Facility operation will be conducted in ~ 18,000 ft<sup>2</sup> section of an existing (larger) structure.
10. The receiving pad/tipping floor is sectioned-off by large cement blocks/bunker blocks. Trucks will off-load material, via walking floor trailer, onto a raised platform (receiving pad/tipping floor).
11. The area adjacent to the receiving pad is available for segregated recyclable material. All recyclable material must be placed in containers for storage or for shipment to recyclers.
12. Recyclable material placed in containers must be removed from the site when full. Recyclable material must not be stored on site longer than one year.
13. The facility is limited to 250 TPD of incoming C&D debris.
14. The maximum storage volume of recyclable material is 300 yd<sup>3</sup>.
15. The facility does not have a leachate control system. Mr. McFeeley stated that it is unlikely that leachate will be deposited on the receiving pad/tipping floor because it is covered and raised off the ground and due to the use of walking floor transfer trailers. The facility shall ensure that sufficient absorbent material is maintained on site to remedy a leachate issue. It is suggested that a standard operating procedure (SOP) be developed to ensure personnel identify leachate susceptible conditions and respond accordingly if leachate develops.

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16. Ensure that the facility is in compliance with Attachment 3, "Conditions of Permit to Operate," Part I: Operation Conditions, No. 18 - required asbestos screening plan for the removal of recyclables from demolition waste.
17. Per the facility operations plan, no asbestos containing material shall be accepted. Documentation should be maintained verifying C&D debris received from regulated demolition sites has been sampled by a North Carolina accredited asbestos inspector.
18. Random waste screenings of incoming loads shall be conducted and documented accordingly. A training and screening program shall be employed to detect and prevent unauthorized waste, including asbestos.
19. Copies of the permit, approved plan, and facility records must be maintained on site or at a location approved by the Section.
20. Records of the amount of solid waste received and origins of loads shall be maintained. Daily records shall be summarized into a monthly report.
21. The facility truck scale test was conducted by Charlotte Scale Co., Inc. on March 7, 2012. A finding of zero error is noted. The facility truck scale has a driver weight display panel.
22. A facility annual report (FAR) for the period of July 1<sup>st</sup> through June 30<sup>th</sup> shall be submitted to the SWS by August 1<sup>st</sup> annually.
23. All waste material shall be placed in containers or transport trailers and covered at the end of each day.
24. Waste material and recyclables shall not be stored on the receiving pad/tipping floor.
25. The receiving pad/tipping floor and trailer load/off-load area must be maintained in a clean and sanitary condition.
26. Windblown material shall be collected by the end of each day.
27. The facility has a water truck to minimize dust emissions.
28. Adequate fire lanes shall be maintained. The Durham County Fire Department will respond to an emergency at the facility.
29. Per SWS permitting, on February 24, 2012 the facility submitted a surety bond, in agreement with the financial assurance calculation, for \$129,000.
30. The facility is secured by a locked gate. Personnel are on site during operating hours.
31. Access roads are of all-weather construction.
32. The facility has installed proper signage.
33. The permit expiration date is February 28, 2017.
34. Permit renewal application shall be submitted to the SWS by August 28, 2016.

Please contact me if you have any questions or concerns regarding this report.



John Patrone  
Environmental Senior Specialist  
***Regional Representative***

Phone: 336-771-5095 Fax: 336-771-4631

Sent on: <u>March 21, 2012</u>	<input checked="" type="checkbox"/>	Email	<input type="checkbox"/>	Hand delivery	<input type="checkbox"/>	US Mail	Certified No. <input type="checkbox"/>
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Copies: Dennis Shackelford, Eastern District Supervisor  
Shawn McKee, Environmental Senior Specialist  
Pat Backus, Environmental Engineer  
Wilbert Carter, A-1 Sandrock, Inc. ([wilbert@alsandrockinc.com](mailto:wilbert@alsandrockinc.com))

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Digital pictures taken March 13, 2012  
by John Patrone, DWM – SWS

Receiving pad/tipping floor



Truck off-load area (raised receiving pad/tipping floor)



Recyclables storage area



Facility entrance (view of scale house and truck scale)

